

# ANOTEC\*

## ARCHITECTURAL ANODIZED ALUMINUM GRILLES

**ANOTEC** is a decorative, modern material available in a wide choice of standard and custom geometric patterns, dimensions and spectra-colors that give you almost limitless variety in design. Its open, light, colorful beauty makes **ANOTEC** ideal for both exterior and interior application in new construction and modernization.



*Klemp*  *International*

1132 West Blackhawk Street, Chicago 22, Illinois • MOhawk 4-4530

\*trademark

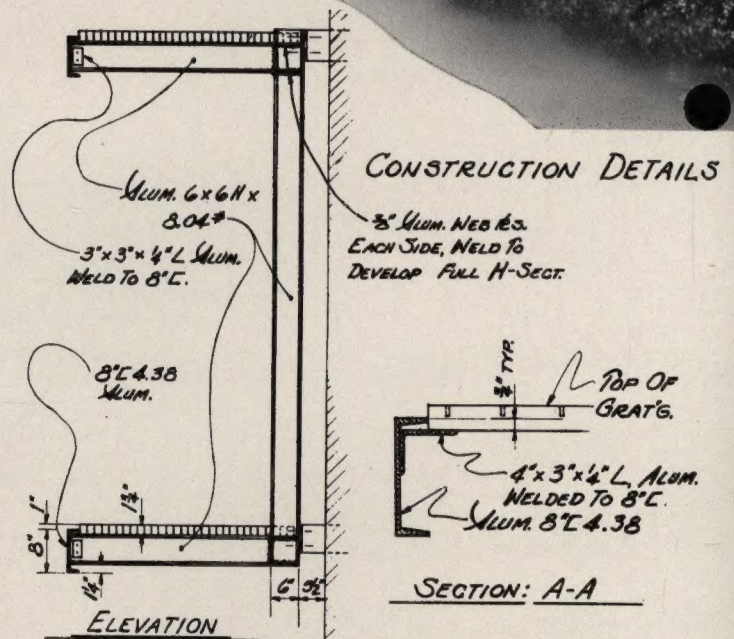
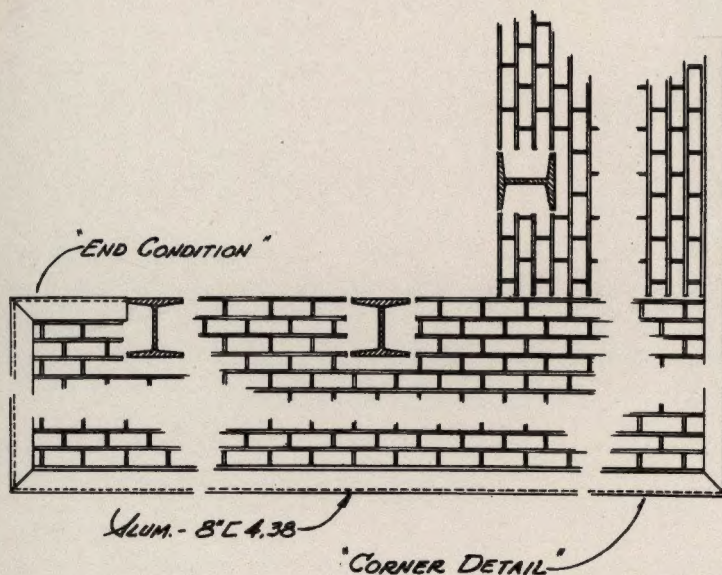
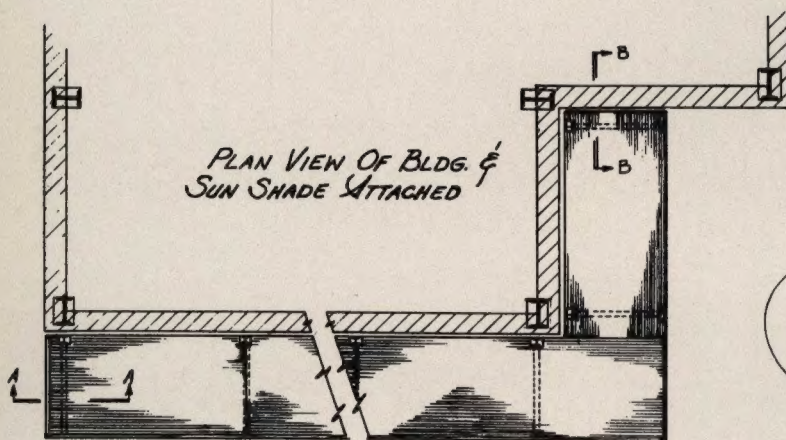
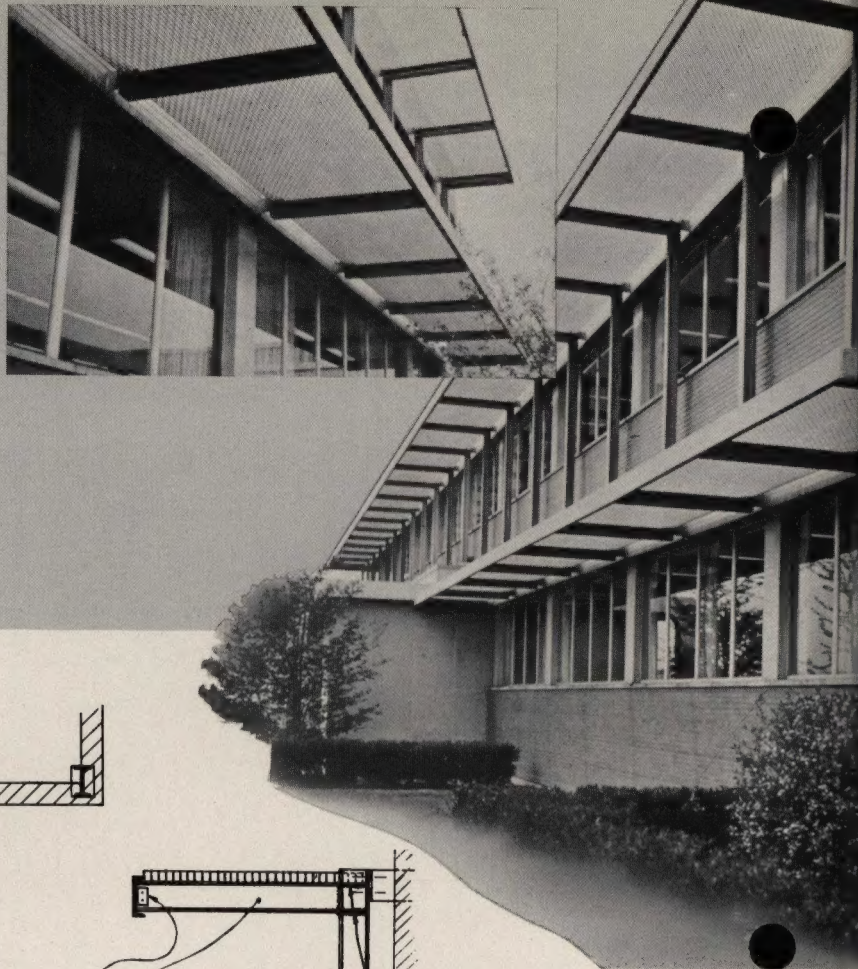
# ANOTEC\*

## as a solar screen and walkway

Truly a new dimension in freedom of design... **ANOTEC** applied to the new Bodine Electric Company building in Chicago.

As a solar screen, there is all the full glory of light, but the glare of the sun's rays are deflected by **ANOTEC**.

As a walkway, its inherent resistance to corrosion and sunfast color make it the practical choice for exterior maintenance.



SECTION: B-B

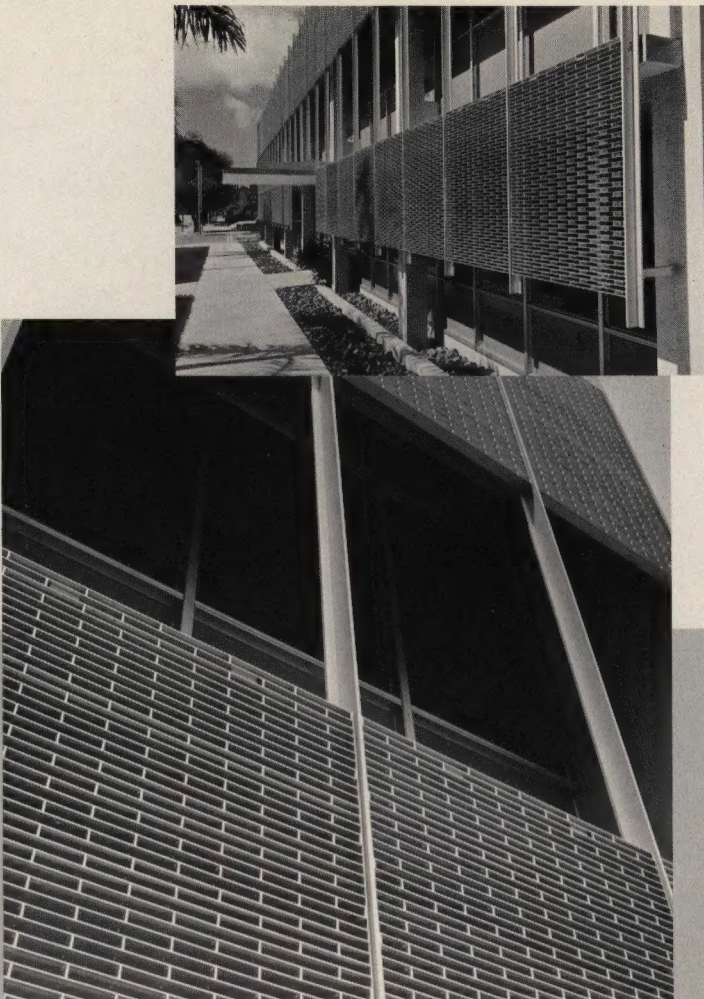
# ANOTEC\*

as a vertical  
solar screen

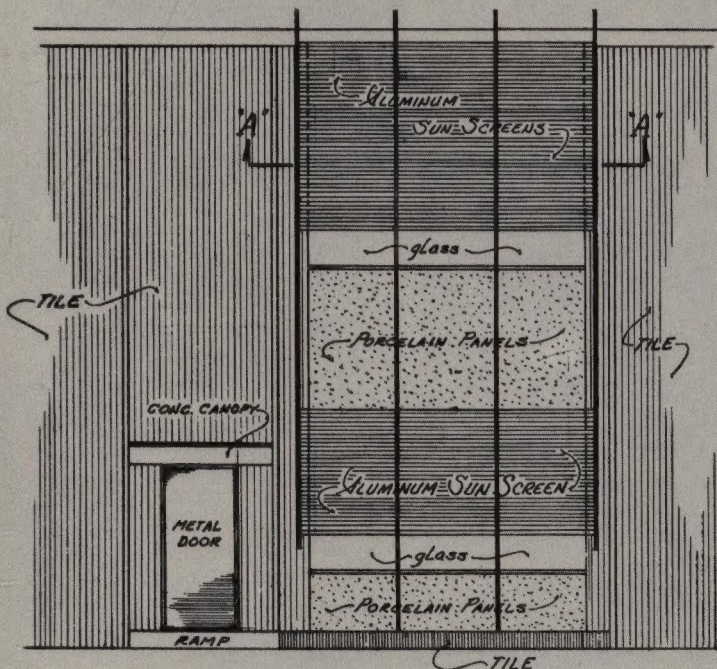
and a complement  
to building design

ANOTEC adds a new dimension to the D. R. Mead & Company in Miami, Florida. It fulfills the most desirable image of a secure banking and insurance firm. Yet the clean modern lines add simple beauty and give one the open feeling of friendly interest.

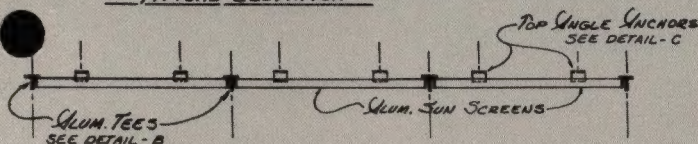
As a vertical solar screen ANOTEC allows the full light of the sun to fill the interior but sifts out its glaring rays.



## CONSTRUCTION DETAILS

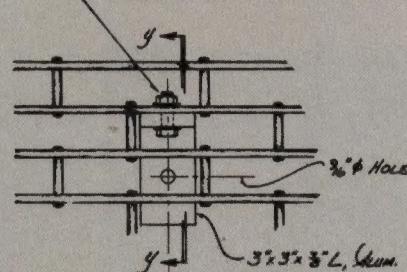


TYPICAL ELEVATION

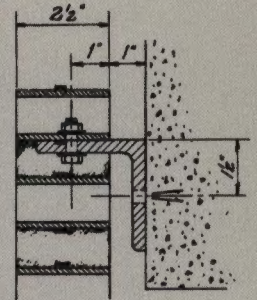


SECTION: A-A (TYPICAL)

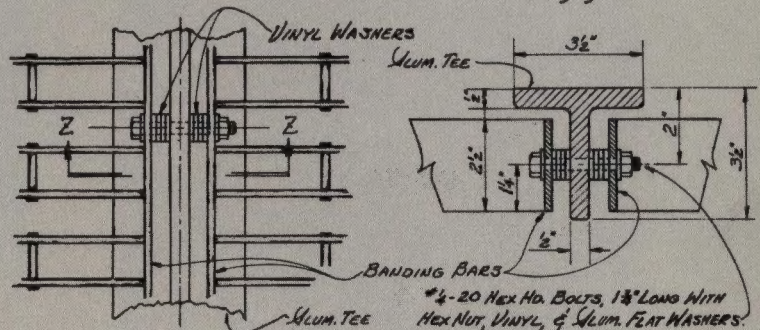
5/8"  $\phi$  HOLES, IN SINGLE AND 2" BEARING BAR, FOR #4-20 HEX HD. BOLTS, 1 1/2" LONG WITH HEX NUTS.



DETAIL - "C"



VIEW: Y-Y

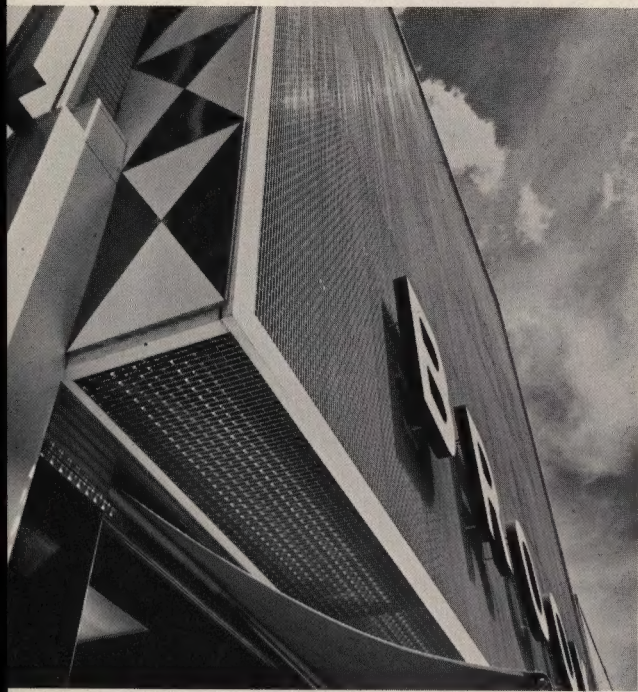


DETAIL - "B"

VIEW: "Z-Z"

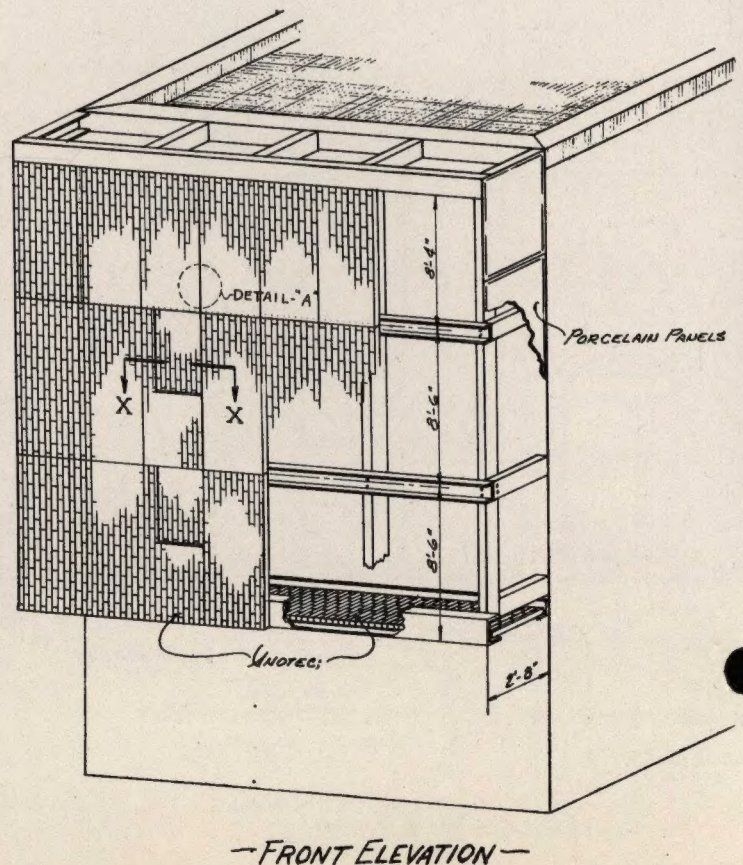
SUN SCREENS: Anotec, Type D-SX-111 (Special), fabricated with 2-1/2" x 1/8" bearing bars on 1-1/8" centers, 2-1/2" x 3/16" spacer rivets, riveted on 8" centers, alternately spaced 4" apart.

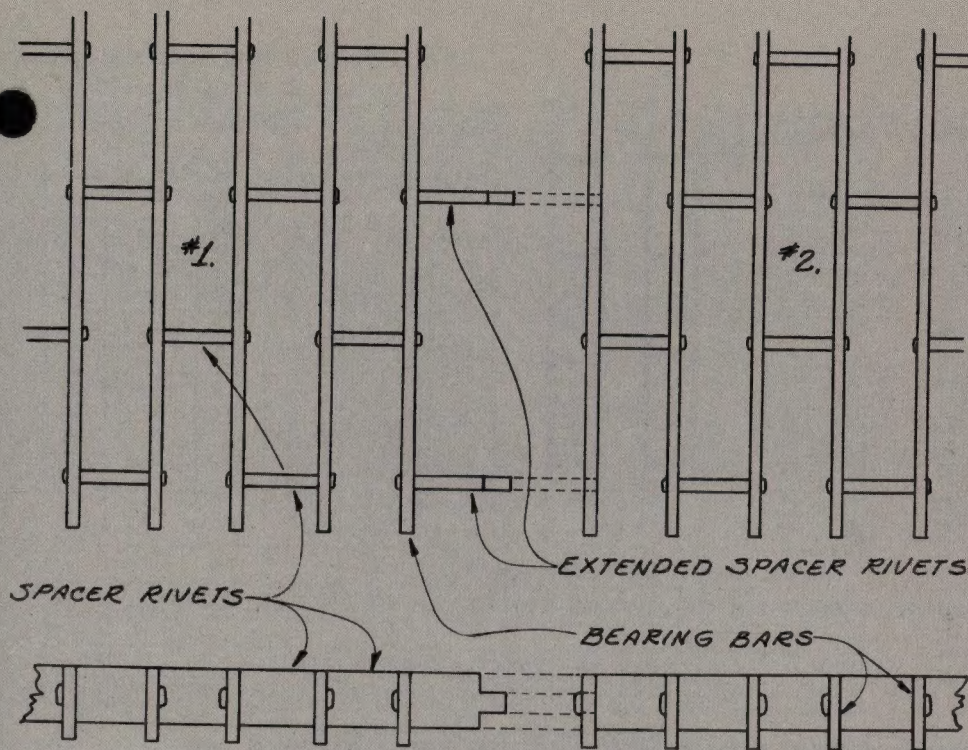
MATERIAL: Aluminum Alloy 6063-T5.



A curtain wall front of **ANOTEC** gives a new look to an old business building (the Brooks Store, Peoria, Illinois) which immediately restores its effective competition with younger neighbors.

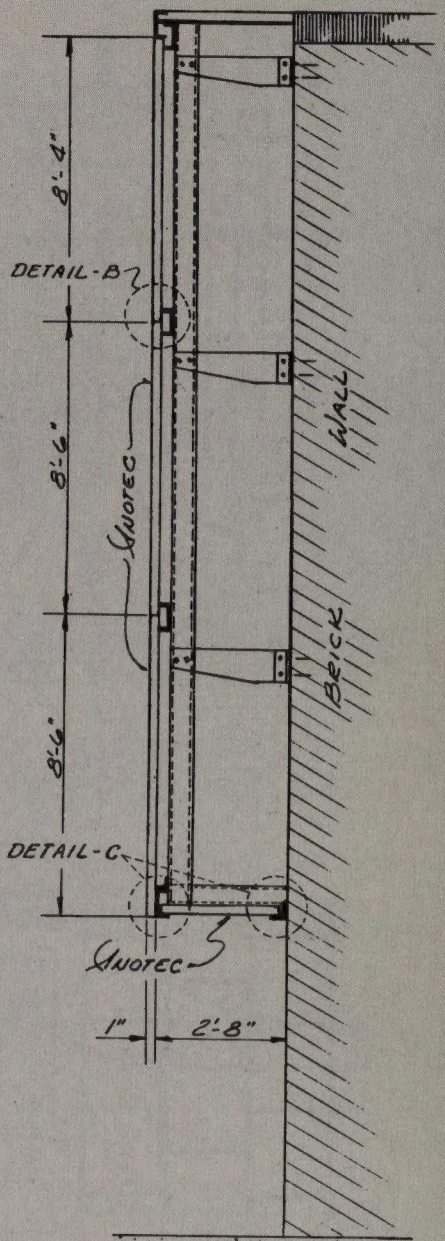
## **ANOTEC\*** as a curtain wall to face-lift and





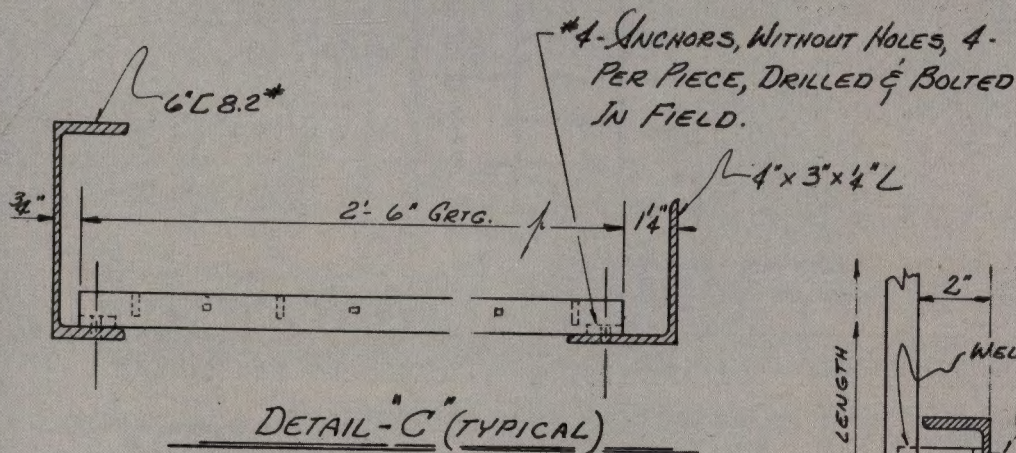
DETAIL - A

"FIXED CONDITION" - SPACER RIVETS ARE EXTENDED ON PC.#1, TO FIT INTO PC.#2, FORMING ONE CONTINUOUS PIECE.

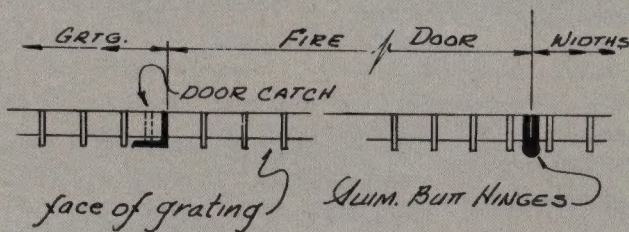


DETAIL - C

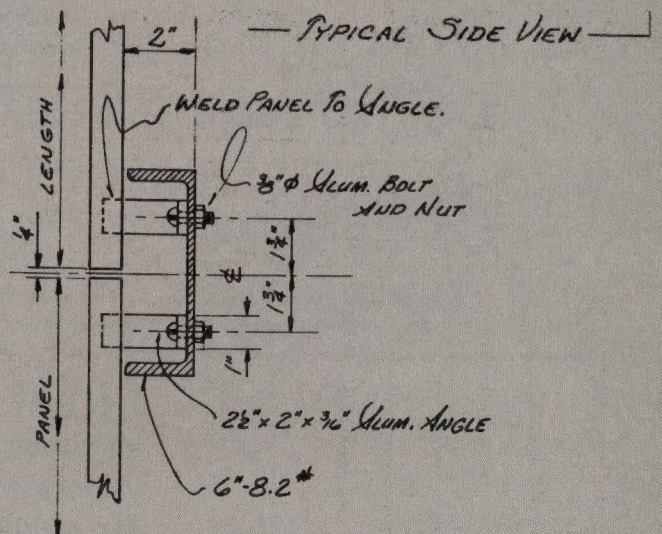
## modernize an old building front



DETAIL - C (TYPICAL)



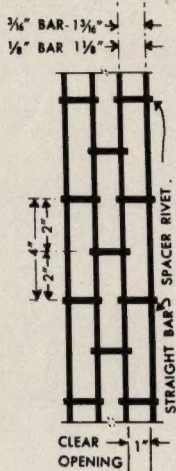
SECTION: "X-X"



DETAIL - B (TYPICAL)

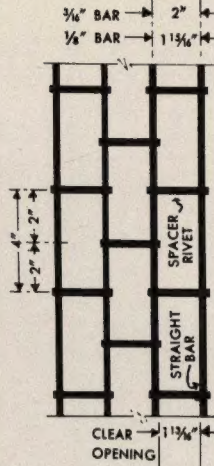
# PRODUCT SPECIFICATIONS . . . ANOTEC\*

## RECTANGULAR PATTERN



Fabricated with straight bars on 1 1/2" & 1 3/4" centers, with spacer rivets riveted to straight bars on 4" centers, alternately spaced 2" apart.

ANOTEC—TYPE D		STYLES I & II		STYLE III	
Symbol	Straight Bar Size	Spacer Rivet 1" lg.	Nominal Weight Lbs. Per Sq. Ft.	Spacer Rivet 1" lg.	Nominal Weight Lbs. Per Sq. Ft.
1	3/4" x 1/8"	3/4" x 1/8"	1.49	3/4" x 1/8"	1.49
1X	3/4" x 3/16"	3/4" x 3/16"	2.12	3/4" x 3/16"	2.12
2	1" x 1/8"	3/4" x 1/8"	1.89	1" x 1/8"	1.99
2X	1" x 3/16"	3/4" x 3/16"	2.70	1" x 3/16"	2.84
3X	1 1/4" x 1/8"	3/4" x 1/8"	2.30	1 1/4" x 1/8"	2.49
3	1 1/4" x 3/16"	3/4" x 3/16"	3.26	1 1/4" x 3/16"	3.54
4X	1 1/2" x 1/8"	3/4" x 1/8"	2.69	1 1/2" x 1/8"	2.98
4	1 1/2" x 3/16"	3/4" x 3/16"	3.83	1 1/2" x 3/16"	4.25
5	1 3/4" x 3/16"	1" x 3/16"	4.54	1 3/4" x 3/16"	4.95
6	2" x 3/16"	1" x 3/16"	5.11	2" x 3/16"	5.66
7	2 1/4" x 3/16"	1" x 3/16"	5.67	2 1/4" x 3/16"	6.37



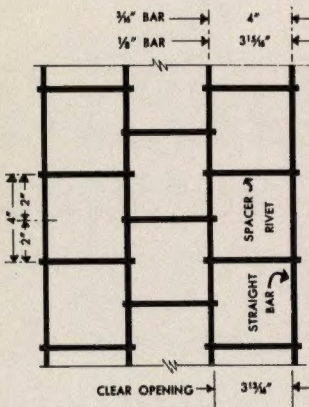
Fabricated with straight bars on 1 1/2" & 2" centers, with spacer rivets riveted to straight bars on 4" centers, alternately spaced 2" apart.

ANOTEC—TYPE E		STYLES I & II		STYLE III	
Symbol	Straight Bar Size	Spacer Rivet 1 1/4" lg.	Nominal Weight Lbs. Per Sq. Ft.	Spacer Rivet 1 1/4" lg.	Nominal Weight Lbs. Per Sq. Ft.
1	3/4" x 1/8"	3/4" x 1/8"	1.02	3/4" x 1/8"	1.02
1X	3/4" x 3/16"	3/4" x 3/16"	1.48	3/4" x 3/16"	1.48
2	1" x 1/8"	3/4" x 1/8"	1.25	1" x 1/8"	1.36
2X	1" x 3/16"	3/4" x 3/16"	1.82	1" x 3/16"	1.97
3X	1 1/4" x 1/8"	3/4" x 1/8"	1.49	1 1/4" x 1/8"	1.70
3	1 1/4" x 3/16"	3/4" x 3/16"	2.17	1 1/4" x 3/16"	2.47
4X	1 1/2" x 1/8"	3/4" x 1/8"	1.72	1 1/2" x 1/8"	2.03
4	1 1/2" x 3/16"	3/4" x 3/16"	2.51	1 1/2" x 3/16"	2.96
5	1 3/4" x 3/16"	1" x 3/16"	3.00	1 3/4" x 3/16"	3.45
6	2" x 3/16"	1" x 3/16"	3.34	2" x 3/16"	3.94
7	2 1/4" x 3/16"	1" x 3/16"	3.69	2 1/4" x 3/16"	4.43

### PANEL WIDTH CONSTANT CHART

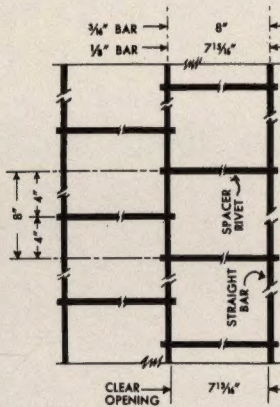
		DIMENSIONS SHOWN ARE FULL SPACES OUT TO OUT OF STRAIGHT BARS																				
TYPE	St. Bar Thickness	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
D	1/8"	0'11 3/8"	1'0 1/2"	1'1 3/8"	1'2 3/4"	1'3 3/8"	1'5"	1'6 1/8"	1'7 1/4"	1'8 3/8"	1'9 1/2"	1'10 3/8"	1'11 3/4"	2'0"	2'2"	2'3 1/8"	2'4 1/4"	2'5 3/8"	2'6 1/2"	2'7 3/8"	2'8 3/4"	2'9 7/8"
	3/16"	1'0 1/8"	1'1 1/4"	1'2 1/8"	1'3 3/8"	1'4 13/16"	1'6"	1'7 3/16"	1'8 3/8"	1'9 9/16"	1'10 3/4"	1'11 11/16"	2'1 1/8"	2'2 3/8"	2'3 1/2"	2'4 11/16"	2'5 5/8"	2'7 1/16"	2'8 1/4"	2'9 9/16"	2'10 3/8"	2'11 13/16"

		DIMENSIONS SHOWN ARE FULL SPACES OUT TO OUT OF STRAIGHT BARS																					
TYPE	St. Bar Thickness	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
E	1/8"	5 1/8"	7 1/8"	9 1/8"	11 3/8"	1' 1 1/16"	1' 3 3/8"	1' 5 5/8"	1' 7 1/2"	1' 9 3/8"	1' 11 3/8"	2' 1 1/8"	2' 3 1/4"	2' 5 3/8"	2' 7 1/8"	2' 9 1/8"	2' 11"	3' 0 3/8"	3' 2 3/8"	3' 4 3/8"	3' 6 3/8"	3' 8 11/16"	
	3/16"	6 3/8"	8 3/8"	10 3/8"	1' 0 3/8"	1' 2 3/8"	1' 4 3/8"	1' 6 3/8"	1' 8 3/8"	1' 10 3/8"	2' 0 3/8"	2' 2 3/8"	2' 4 3/8"	2' 6 3/8"	2' 8 3/8"	2' 10 3/8"	3' 0 3/8"	3' 2 3/8"	3' 4 3/8"	3' 6 3/8"	3' 8 3/8"	3' 10 3/8"	



Fabricated with straight bars on 3 1/2" & 4" centers, with spacer rivets riveted to straight bars on 4" centers, alternately spaced 2" apart.

ANOTEC—TYPE F		STYLES I & II		STYLE III	
Symbol	Straight Bar Size	Spacer Rivet 3 1/4" lg.	Nominal Weight Lbs. Per Sq. Ft.	Spacer Rivet 3 1/4" lg.	Nominal Weight Lbs. Per Sq. Ft.
1	3/4" x 1/8"	3/4" x 1/8"	0.68	3/4" x 1/8"	0.68
1X	3/4" x 3/16"	3/4" x 3/16"	1.01	3/4" x 3/16"	1.01
2	1" x 1/8"	3/4" x 1/8"	0.80	1" x 1/8"	0.91
2X	1" x 3/16"	3/4" x 3/16"	1.19	1" x 3/16"	1.34
3X	1 1/4" x 1/8"	3/4" x 1/8"	0.92	1 1/4" x 1/8"	1.14
3	1 1/4" x 3/16"	3/4" x 3/16"	1.36	1 1/4" x 3/16"	1.68
4X	1 1/2" x 1/8"	3/4" x 1/8"	1.04	1 1/2" x 1/8"	1.36
4	1 1/2" x 3/16"	3/4" x 3/16"	1.54	1 1/2" x 3/16"	2.01
5	1 3/4" x 3/16"	1" x 3/16"	1.88	1 3/4" x 3/16"	2.35
6	2" x 3/16"	1" x 3/16"	2.06	2" x 3/16"	2.68
7	2 1/4" x 3/16"	1" x 3/16"	2.24	2 1/4" x 3/16"	3.02



Fabricated with straight bars on 7 1/2" & 8" centers, with spacer rivets riveted to straight bars on 8" centers, alternately spaced 4" apart.

ANOTEC—TYPE G		STYLES I & II		STYLE III	
Symbol	Straight Bar Size	Spacer Rivet 7 1/2" lg.	Nominal Weight Lbs. Per Sq. Ft.	Spacer Rivet 7 1/2" lg.	Nominal Weight Lbs. Per Sq. Ft.
1	3/4" x 1/8"	3/4" x 1/8"	0.36	3/4" x 1/8"	0.36
1X	3/4" x 3/16"	3/4" x 3/16"	0.53	3/4" x 3/16"	0.53
2	1" x 1/8"	3/4" x 1/8"	0.42	1" x 1/8"	0.47
2X	1" x 3/16"	3/4" x 3/16"	0.63	1" x 3/16"	0.71
3X	1 1/4" x 1/8"	3/4" x 1/8"	0.49	1 1/4" x 1/8"	0.59
3	1 1/4" x 3/16"	3/4" x 3/16"	0.72	1 1/4" x 3/16"	0.88
4X	1 1/2" x 1/8"	3/4" x 1/8"	0.55	1 1/2" x 1/8"	0.71
4	1 1/2" x 3/16"	3/4" x 3/16"	0.82	1 1/2" x 3/16"	1.06
5	1 3/4" x 3/16"	1" x 3/16"	1.00	1 3/4" x 3/16"	1.24
6	2" x 3/16"	1" x 3/16"	1.09	2" x 3/16"	1.41
7	2 1/4" x 3/16"	1" x 3/16"	1.19	2 1/4" x 3/16"	1.59

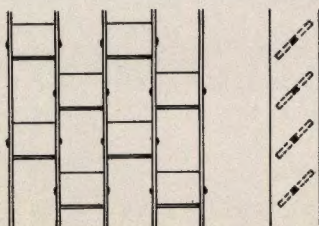
### PANEL WIDTH CONSTANT CHART

		DIMENSIONS SHOWN ARE FULL SPACES OUT TO OUT OF STRAIGHT BARS																						
TYPE	St. Bar Thickness	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	1/8"	4 1/8"	8"	11 13/16"	1'3 3/8"	1'7 13/16"	1'11 3/8"	2'3 1/4"	2'7 3/8"	2'11 3/8"	3'3 1/2"	3'7 3/8"	3'11 3/8"	4'3 3/8"	4'7 1/4"	4'11 3/8"	5'3 3/8"	5'7 3/8"	5'11"	6'2 11/16"	6'6 3/8"	6'10 13/16"	7'2 3/4"	7'6 11/16"
	3/16"	4 5/8"	8 3/8"	1'0 3/8"	1'4 3/8"	1'8 3/8"	2'0 3/8"	2'4 3/8"	2'8 3/8"	3'0 3/8"	3'4 3/8"	3'8 3/8"	4'0 3/8"	4'4 3/8"	4'8 3/8"	5'0 3/8"	5'4 3/8"	5'8 3/8"	6'0 3/8"	6'4 3/8"	6'8 3/8"	7'0 3/8"	7'4 3/8"	7'8 3/8"

TYPE	St. Bar Thickness	DIMENSIONS SHOWN ARE FULL SPACES OUT TO OUT OF STRAIGHT BARS																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
G	1/8"	8 1/8"	1' 4"	1' 11 1/16"	2' 7 3/8"	3' 3 3/8"	3' 11 3/8"	4' 7 13/16"	5' 3 3/8"	5' 11 3/8"	6' 7 1/2"	7' 3 3/8"	7' 11 3/8"	8' 7 3/8"	9' 3 3/8"	9' 11 3/8"	10' 7 1/8"	11' 3 3/8"	11' 11"	12' 6 13/16"	13' 2 3/8"	13' 10 3/8"
	3/16"	8 3/8"	1' 4 3/8"	2' 0 3/8"	2' 8 3/8"	3' 4 3/8"	4' 0 3/8"	4' 8 3/8"	5' 4 3/8"	6' 0 3/8"	6' 8 3/8"	7' 4 3/8"	8' 0 3/8"	8' 8 3/8"	9' 4 3/8"	10' 0 3/8"	10' 8 3/8"	11' 4 3/8"	12' 0 3/8"	12' 8 3/8"	13' 4 3/8"	14' 0 3/8"

Note: The clear opening remains constant at all times, and the center to center of straight bars varies with the thickness of straight bars.

Both straight bars and spacer rivets are fabricated from Aluminum Alloy 6063-T5. Note: To above standard widths add 1/4" for rivet heads for overall width dimension.



**NEW!** Rectangular patterns of ANOTEC are now available with tilted spacer rivets. (Tilted spacers increase the sunshading effect of

ANOTEC and provide for a self-cleaning grille.) Types E, F, G and combinations of same are now available with spacer rivets tilted to any desired degree.

Note: Special grilles manufactured to your specifications on custom order.

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# Architectural Anodized Aluminum Grilles

## HEXAGONAL PATTERN MECHANICALLY CLINCHED

Type	Depth	Gauge	Clear opening	A	B	Max. panel sizes	
						Width	Length
H	3/8"	.064"	1 1/4"	1 3/8"	2 1/8"	2'-6"	5'-0"
H1	3/4"	.081"	1 3/4"	2"	3"	3'-0"	10'-0"
H2	1"	.081"	1 3/4"	2"	3"	3'-0"	10'-0"
H3	1 1/4"	.081"	1 3/4"	2"	3"	3'-0"	10'-0"

(Above types can also be had in riveted construction.)

## RIVETED

Type	Depth	Thick-ness	Clear opening	A	B	Max. panel sizes	
						Width	Length
BO1	3/4"	1/8"	2 1/16"	2 3/8"	3 1/2"	4'-0"	20'-0"
BO2	1"	1/8"	2 1/16"	2 3/8"	3 1/2"	4'-0"	20'-0"

## RIVETED

BD1	3/4"	1/8"	4 5/16"	4 5/8"	5"	4'-0"	20'-0"
BD2	1"	1/8"	4 5/16"	4 5/8"	5"	4'-0"	20'-0"

(Above types can also be had in thicknesses of 3/16", with depths ranging from 3/4" to 3".)

## DIAMOND PATTERN RIVETED

Type	Depth	Thick-ness	Clear opening	A	B	Max. panel sizes	
						Width	Length
A01-7	3/4"	1/8"	2 1/16"	2 3/8"	7"	4'-0"	20'-0"
A02-7	1"	1/8"	2 1/16"	2 3/8"	7"	4'-0"	20'-0"
A01-12	3/4"	1/8"	2 5/16"	3 1/4"	12"	4'-0"	20'-0"
A02-12	1"	1/8"	2 5/16"	3 1/4"	12"	4'-0"	20'-0"

(Above types can also be had in thicknesses of 3/16", with depths ranging from 3/4" to 4".)

## SPECIAL RIVETED

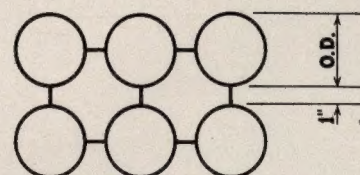
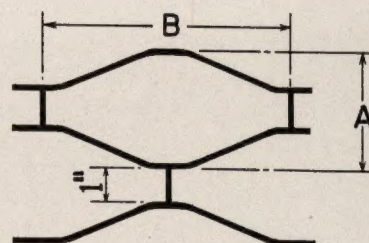
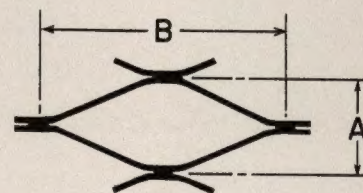
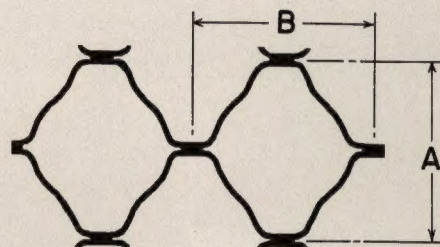
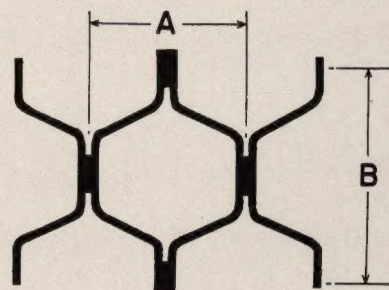
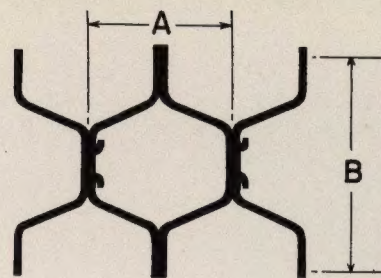
A01-7	3/4"	1/8"	3"	3 1/4"	7"	4'-0"	20'-0"
A02-7	1"	1/8"	3"	3 1/4"	7"	4'-0"	20'-0"
A01-12	3/4"	1/8"	3 7/8"	4 1/8"	12"	4'-0"	20'-0"
A02-12	1"	1/8"	3 7/8"	4 1/8"	12"	4'-0"	20'-0"

(Above types can also be had in thicknesses ranging from .040" to .125" and 3/16", with depths ranging from 3/4" to 4". Spacer length to specifications.)

## CIRCULAR PATTERN

Type	Depth	Thickness	O.D.	Spacer length
C4	3/4"	.078"	4"	1"
C6	3/4"	.078"	6"	1"
C8	3/4"	.078"	8"	1"

(Above types can also be had in the following variations: Depth 3/4" to 4". Thickness .078" to .250" and Spacer length to specifications.)



ANOTEC  
ARCHITECTURAL  
**COLOR  
CHART**

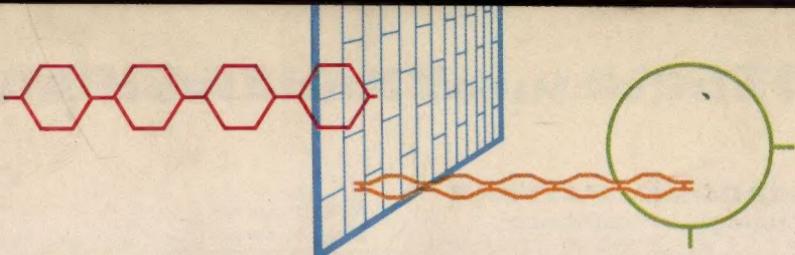
CLEAR  
ANODIZED

GOLD  
BLUE

GREEN  
BLACK

BRASS  
RED

Note: Available in either caustic etch or bright dip finish.



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CURTAIN WALLS	SHADOW BOXES
FENCES	SLIDING DOORS
GATES	SOLAR SCREENS
GRILLES	SPANDRELS
LOUVERS	SWIMMING POOL
PARAPET RAILINGS	ENCLOSURES
STAIR RAILINGS	WALKWAYS
TERRACE RAILINGS	WALL PANELS

**ANOTEC** is available in these patterns...

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...in a wide choice of standard and custom dimensions.

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BLUE	BRASS	
GOLD	BLACK	

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